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THE CITY COUNCIL TO: COUNCIL MEETING DATE: SEPTEMBER 20, 1989

FROM : THE CITY MANAGERS OFFICE

SUBJECT: PURCHASE OF SUBSTATION AND LINE INSULATORS (EUD-89-5)

RECOMMENDED ACTION: That the City Council award the bid for the purchase of 477 station and line insulators to Western States Electric, Inc. of Portland, Oregon in the amount of \$46,207.52. This supplier is bidding Lapp insulators of LeRoy, New York.

BACKGROUND INFORMATION: The insulators will be installed at the new Industrial Substation 12-kv and 69-kv bus structures and on three new 69-kv overhead lines connecting the new substation to the existing system.

Due to the fact that the Industrial Substation is needed for service by June 1, 1990, and indications at time of bid preparation that porcelain insulators would not be available in time for construction to meet this date, bids were requested for both porcelain and polymer-type insulators. The polymer insulator would be considered as an acceptable alternate to porcelain in the event porcelain could not be obtained within the time constraint. Porcelain is the preferred insulator; it is a time-proven insulating material and is highly recommended by the City's consultant (Power Engineers, Inc.), as well as the Department's engineering staff, for this location and application. Porcelain insulators were utilized by PG&E in the recent construction of transmission lines leading to this substation.

Evaluating the received bids, including the quoted lead times, and based on the above endorsement of porcelain insulators, it is therefore recommended that this bid be awarded utilizing porcelain as the insulating media. It is further recommended that Item 1 (69-kv station post) and Item 3 (69-kv vertical post) be awarded to the next lowest bidder based on the 6 and 14 weeks, respectively, improvement in lead time with this bidder. The additional cost to the City is \$570.66 or 2.4%. The construction schedules for the substation and the transmission lines require that insulators be available by Karch 1, 1990, a date not achievable with the lead time of the low bidoer on these two items.

> Henry J. Electric Utility Cirector

Attach (4)

cc: Assist. Electric Utility Director Electrical Engineer Purchasing Officer

BID EVALUATION EUD-89-5

PORCELAIH INSULATORS

	ITEM #4 QUANTITY: 130 69-RY SUSPENSION INSULATOR			ITEM #5 QUANTITY: 125 15-KV STATION POST INSULATOR			
SUPPLIER	PRICE INCL.TAX		HANUFACTURER	PRICE . INCL TAX	DELIVERY	MANUFACTURER	
WESTERN STATES ELECTOIC, INC. PORTLAND, OR	\$11,046.05	STOCK	LAPP	\$5,286.75	STOCK	LAPP	
MAYEMELL & HARTZELL, INC. PRISPANE, CA	NO BID			\$5,330.48	18-20	VICTOR	
GENERAL ELECTRIC SUPPLY CO. EMERYVILLE. CA	\$12,126.40	32-34	NGK-LOCKB	\$5,432.50	10-12	HCK-LOCKE	
DEXMAR INTERNATIONAL, INC ROSEVILLE, MH	NO BID			NO BID			
GENERAL PACIFIC, INC. PORTLAND, OR	NO BID			HO BID			
SEDIVER CARLSTADT, HJ	NO BID			HO BID			
SUMMIT INSULATORS MEMPHIS.TN	NO BID			NO BID			
MESTINGHOUSE ELECT. SUPPLY CO. CONCORD. CA	NO BID			NO BID			

BID EVALUATION IUD-89-5

POLYHFR INSULATORS

		69-KV STATION POST INSULATOR 69-KV HORIZONTAL POST I			POST INSULATOR		AL POST INSU	QUARTITY: 22 POST INSULATOR	
SUPPLIER	PRICE INCL.TAX	DELIVERY (WEEKS)	HANUFACTURER	PRICE INCL.TAX	DELIVERY (WEEKS)	HAHUFACTUŔER	PRICE INCL.TAX	DELIVERY (WEEKS)	HANUFACTURER
MAYDWELL & HARTZELL, INC. BRISBANK, CA	\$10,153.10	18-20	RELIABLE	\$5,076.76	18-20	RELIABLE	\$1,669.25	18-20	RELIABLE
DEXMAR INTERNATIONAL, INC ROSEVILLE, NA	\$14,469.00	6-10	DE XHAR	\$5,802.44	10-12	DEXMAR	\$1,787.48	10-12	DEXHAR
SEDIVER CARLSTADT, HJ	\$15,709.20	16-18	SEDIVER	\$6,381.20	16-18	SEDIVER	\$2,005.52	16-18	SEDIVER
WESTINGHOUSE BLECT. SUPPLY CO. CONCORD, CA	\$ 18,878.60	8-10	OHIO BRASS	\$8,458.80	8-10	OHIO BRASS	\$2,838.04	8-10	OHIO BRASS
GENERAL PACIFIC, INC. PORTLAND, ON	\$19,898.32	12-14	OHIO BRASS	\$8,933.68	12-14	OHIO BRASS	\$2,995.45	12-14	OHIO BRASS
GENERAL BLECTRIC SUPPLY CO. EMBRYVILL, CA	но вір			NO BID			KO HID		
WESTERN STATES ELECTRIC, INC. FORTLAND, OR	MO EID			NO BID			NO BID		
SPOTAJUSHI TIHBUS HT, SIHHBUS	DOES HOT MEET	SPECIFICATIO	K	HO BID			MO BID		

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BID EVALUATION EUD-89-5

POLYMER INSULATORS

	ITEH #4 QUANTITY: 130 69-KV SUSPENSION IHSULATOR			ITEH #5 QUANTITY: 125 15-KV STATION POST INSULATOR			
SUPPLIER	PRICE	DELIVERY (WEEKS)	HANUFACTURER	PRICE INCL.TAX	DELIVERY (WEEKS)	MANUFACTURER	
MAYDWELL & HARTZELL, INC. BRISBANE, CA	\$7,543.17	18-20	RELIABLE	\$8,229.58	18-20	RELIABLE	
DEXMAR INTERNATIONAL, INC ROSSYILLE, WM	NO BID			\$7,188.13	6-8	DEXMAR	
SEDIVER CAELSTADT, XJ	\$10,238.54	16-18	SEDIVER	\$5,353.00	16-18	SEDIVER	
WESTINGHOUSE ELECT. SUPPLY CO. CONCORD, CA			OR10 BRASS EET SPECIFICATION)	\$10,441.00	8-10	OHIO BRASS	
GENERAL PACIFIC, INC. PORTLAND, OR	\$11,850.80	12-14	OHIO BRASS	\$10,997.50	12-14	OHIO BRASS	
GENERAL ELECTRIC SUPPLY CO. EMERYVILL, CA	DIE ON			HO BID			
WESTERN STATES ELECTRIC, INC. PORTLAND. OR	NO BID			NO BID			
SUMMIT INSULATORS MEMPHIS, TH	NO BID			DOES HOT MEET	SPECIFICATIO	н	



BID EVALUBTION EUD-89-5

PORCELAIN INSULATORS

	ITEM \$1 QUANTITY: 130 69-RV STATION POST INSULATOR		ITEM \$2 QUANITY: 70 69-RV HORIZONTAL POST INSULATOR			ITEM #3 QUANTITY: 22 69-XV VERTICAL POST INSULATOR			
SUPPLIER	FRICE INCL.TAX	DELIVERY (WEEKS)	HANUFACTURER	PRICE INCL.TAX	DELIVERY (WEEKS)	MANUFACTURER	PRICE INCL.TAX	DRLIVERY (WEEKS)	KANU PACTURER
RESTERN STATES BLECTRIC, INC. FORTLAND, OR	\$22,323.60	20-22	LAPP	\$5,694.R5	20-22	LAPP	\$1,856.27	16-18	LAPP
MAYEMOLD & HARTZELL, INC ERISBANE, CA	\$21,779.29	26-28	VICTOR	\$ 6,223.90	30-32	VICTOR	\$1,829.92	30-32	VICTOR
GENERAL BLECTRIC SUPPLY CO EMERYVILLE, CA	\$24,115.00	28-30	NGK-LOCKE	\$8,087.80	44-48	NGX-LOCKE	\$2,425.28	41-46	NGK-LOCKE
DEXMAR INTERNATIONAL, INC ROSEVILLE, MN	HO BID			NO BID			NO BID		
GEMERAL PACIFIC, INC. FORTLAND, OR	NO BID			NO BID			KO BID)
SEDIVER CARLSTADT, NJ	NO BID			HO BID			HO BID		
SUMMET EMSULATORS MEMPHES, TH	MO BID			NO BID			HO BID		
MESTINGHOUSE ELECT. SUPPLY CO. COMCORD, CA	NO BID			HO BJD			NO BID		

RESOLUTION NO. 89-123

A RESOLUTION OF THE LODI CITY COUNCIL AWARDING THE BID FOR PURCHASE OF 477 SUBSTATION AND LINE INSULATORS (EUD-89-5)

WHEREAS, in answer to notice duly published in accordance with law and the order of this City Council, sealed bids were received and publicly opened on September 6, 1989 at 11:00 a.m. for the bid for 477 Substation and Line Insulators (EÛD-89-5), described in the specifications therefor approved by the City Council on August 16, 1989; and

WHEREAS, said bids have been compared, checked, and tabulated and a report thereof filed with the City Manager as shown or, Exhibit A attached hereto; and

WHEREAS, it has been determined that Western States Electric, Inc. of Portland, Oregon is the low bidder on three items, and the best bidder on two items; and

WHEREAS, the City Manager recommends that award of the bid for 477 Substation and Line Insulators (EUD-29-5), be made to Western States Electric, Inc. of Portland, Oregon;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Lodi that award of bid for 477 Substation and Line Insulators (EUD-89-5) be and the same is hereby awarded to Western States Electric, Inc., in the amount of \$46,207.52.

Dated: September 20, 1989

I hereby certify that Resolution No. 89-123 was passed and adopted by the City Council of the City of Lodi in a regular meeting held September 20, 1989 by the following vote:

Council Members - Hinchman, Olson, Pinkerton, Reid and Ayes:

Snider (Mayor)

Noes: Council Members - None

Absent: Council Members - None

Clica The Bunche
Alice M. Reinche

City Clerk